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December 20, 2007

3 page(s) sent via facsimile
1 571 273 0459

Attn: PCT Pre-Exam

Re: National Phase Application in the US
Serial NO.: 10/580,019 Filed: May 19, 2006
Inventor: Landskron et al.
Our Docket No.: 15430NP

The Official Filing Receipt for U.S. National Phase Application No. 10/580,019, mailed July, 23, 2007, indicates that the "Data provided by applicant is not consistent with PTO records" regarding the Domestic Priority data, specifically the benefit claimed from 60/914,056. Our records indicate that the Domestic Priority data does match. A copy of the WO 2005/049625, as well as the previously-mentioned Official Filing Receipt, is included with this facsimile.

It is respectfully requested that a new Official Filing Receipt be issued.

Very sincerely yours,

DOWELL & DOWELL, P .C.

Nicole A. Lyman
Patent Assistant

NAL
Enclosures: Official Filing Receipt dated 7/23/07
WO 2005/049625

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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	TOT CLMS	IND CLMS
10/580,019	02/27/2007	1621	2215	15430NP	58	7

CONFIRMATION NO. 7522

293
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FILING RECEIPT

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Date Mailed: 07/23/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

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Power of Attorney: The patent practitioners associated with Customer Number 000293.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CA04/01990 11/19/2004
which claims benefit of 60/523,141 11/19/2003
and claims benefit of 60/614,056 09/30/2004 *
(*)Data provided by applicant is not consistent with PTO records.

Foreign Applications

If Required, Foreign Filing License Granted: 07/13/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/580,019

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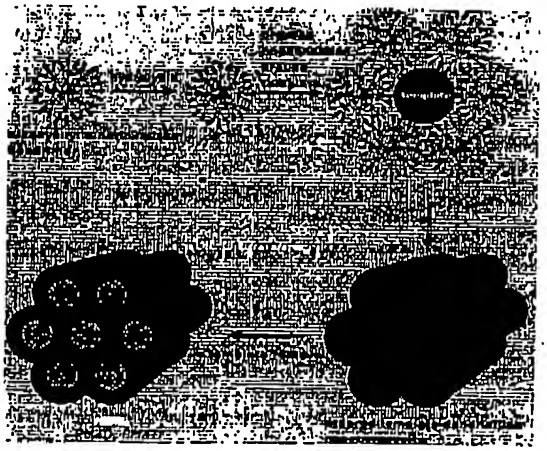
[Continued on next page]

(54) Title: TEMPLATE-DIRECTED SYNTHESIS OF POROUS MATERIALS USING DENDRIMER PRECURSORS



(57) Abstract: The present invention provides a template-directed self-assembly strategy to integrate the class of materials called dendrimers with periodic mesoporous and macroporous silica materials to create two totally new classes of organic/inorganic nanocomposite materials, which we call periodic mesoporous dendrisilicas (PMeDs) and periodic macroporous dendrisilicas (PMaDs). The unusual combination of inorganic silica and organic dendrimer chemical structures with these scales of porosity and surfaces suggests a myriad of uses for PMeDs and PMaDs, such as the controlled release and uptake of chemicals, chiral separations and catalysis, electronic printing and microelectronic packaging, biomaterial platforms, chromatography stationary phase, and photonic crystal applications. These applications target the synergistic relationship between the dendrimer and the meso- or macroporous structure within a single hierarchical nanostructured organic/inorganic hybrid material.

WO 2005/049625 A1

****
*** RX REPORT ***
****

RECEPTION OK

TX/RX NO	9450
RECIPIENT ADDRESS	7034152559
DESTINATION ID	
ST. TIME	12/20 17:28
TIME USE	00'35
PGS.	3
RESULT	OK

****
*** ACTIVITY REPORT ***
****

ST. TIME	DESTINATION TEL/ID	NO.	MODE		PGS.	RESULT
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12/14 09:59	212 813 9600	9421	AUTO RX	ECM	2	OK 00'26
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						0 #0018
12/14 14:35	609 896 1469	9422	AUTO RX	G3	10	OK 09'07
12/14 14:47	+18479057113	9423	AUTO RX	ECM	2	OK 00'42
12/14 19:25	5035955301	9424	AUTO RX	ECM	8	OK 03'27
12/14 19:37	323 934 4145	9425	AUTO RX	ECM	9	OK 01'09
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						0 ##0280
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12/17 15:47	95712709937	2693	TRANSMIT	G3	2	OK 01'07
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12/18 12:17	303 629 3450	9431	AUTO RX	ECM	4	OK 01'09
12/18 13:54		9432	AUTO RX	ECM	2	OK 00'56
12/18 13:57		9433	AUTO RX	ECM	2	OK 00'53
12/18 14:12	212 608 6644	9434	AUTO RX	ECM	10	OK 03'34
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12/18 16:29	6175231231	9437	AUTO RX	ECM	1	OK 00'35
12/19 08:18	918007220129	2694	TRANSMIT		0	NG 00'00
						0 STOP
12/19 08:21	918007220129	2695	TRANSMIT		0	NG 00'00
						0 STOP
12/19 08:58	212 608 6732	9438	AUTO RX	ECM	13	OK 02'39
12/19 11:49	9198589862	9439	AUTO RX	ECM	3	OK 01'01
12/19 14:04	908 203 6515	9440	AUTO RX	ECM	2	OK 00'19
12/19 14:06	908 203 6515	9441	AUTO RX	ECM	2	OK 00'27
12/19 14:24	918666523128	2696	TRANSMIT		0	NG 00'00
						0 STOP
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12/19 19:06	612 455 3801	9443	AUTO RX	ECM	6	OK 02'09
12/19 19:11		9444	AUTO RX	G3	1	OK 01'26
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12/20 15:49	312 269 1747	9446	AUTO RX	ECM	3	OK 00'47
12/20 16:11	2033276401	9447	AUTO RX	ECM	4	OK 00'42
12/20 16:12	207 862 4681	9448	AUTO RX	ECM	2	OK 00'33
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